Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE
5636 Southern Boulevard, Virginia Beach, Virginia 23462
(757) 518-2000 FAX (804) 698-4178
www.deq.virginia.gov

Matthew J. Strickler
Secretary of Natural and Historic Resources

David K. Paylor
Director
(804) 698-4000

Craig R. Nicol
Regional Director

August 23, 2021

Mr. Neil Murphy
Vice President of Production and Engineering
LifeNet Health
1864 Concert Drive
Virginia Beach, Virginia 23453

Location: Virginia Beach
Registration No.: 61491

Dear Mr. Murphy:

Attached is a permit to construct and operate four ethylene oxide sterilizers in accordance with the provisions of the Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. This permit supersedes your permit dated March 21, 2016.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on July 7, 2021.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to construct and operate shall not relieve LifeNet Health of the responsibility to comply with all other local, state, and federal permit regulations.

To review any federal rules referenced in the above paragraph or in the attached permit, the US Government Publishing Office maintains the text of these rules at **www.ecfr.gov**, Title 40, Part 60.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
PO Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact Mayanni McCourty at (757) 518-2034 or by email at **mayanni.mccourty@deq.virginia.gov**.

Sincerely,

Craig R. Nicol
Regional Director

CRN/MAM/61491_007_21_mNSRart6_LifeNetHealth_CvrLtr.docx

Attachments: Permit
Source Testing Report Format

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STATIONARY SOURCE PERMIT TO CONSTRUCT AND OPERATE

This permit includes designated equipment subject to New Source Performance Standards (NSPS).

This permit supersedes your permit dated March 21, 2016.

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

LifeNet Health
1864 Concert Drive
Virginia Beach, Virginia 23453
Registration No.: 61491

is authorized to construct and operate

a human tissue processing and equipment sterilization facility

located at

1864 Concert Drive
Virginia Beach, Virginia 23453

in accordance with the Conditions of this permit.

Approved on: **August 23, 2021**.

Craig R. Nicol

Permit consists of 12 pages.
Permit Conditions 1 to 32.

INTRODUCTION

This permit document is based on the following permit approvals and the respective permit applications:

- Minor new source review permit approval dated August 23, 2021 based on the permit application dated April 20, 2021 and supplemental information dated May 12, 2021, June 15, 2021, and July 7, 2021.

- Minor new source review permit approval dated March 21, 2016 based on the permit application dated March 3, 2005, including amendment information dated June 22, 2005, October 19, 2006, November 7, 2006, April 27, 2009, May 13, 2009, May 19, 2009, May 20, 2009, May 22, 2009, May 27, 2009, June 19, 2009, July 2, 2009, August 25, 2009, September 15, 2009, May 26, 2010, July 27, 2010 and December 28, 2015 including amendment information dated February 1, 2016 and provided by phone conversation on February 10, 2016.

Words or terms used in this permit shall have meanings as provided in 9VAC5-10-10 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. The regulatory reference or authority for each condition is listed in parentheses ( ) after each condition. The most recent effective date for a term or condition is listed in brackets [ ]. When identical conditions on approval for an emission unit or units are combined, the effective date listed in this permit does not alter the prior effective date(s) for any such conditions as issued in a previous permit approval. In accordance with 9VAC5-80-1120(F), any condition not marked as state-only enforceable (SOE) is state and federally enforceable.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the DEQ or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9VAC5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

Equipment List - Equipment at this facility covered by this permit consists of:

Equipment to be constructed:

Reference No.	Equipment Description	Rated Capacity	Delegated Federal Requirements
ETOS-1A	EO Sterilizer (3M Steri-Vac GS8X)	0.031 lb EO/hr	-
ETOS-2A	EO Sterilizer (3M Steri-Vac GS8X)	0.031 lb EO/hr	-
ETOS-3A	EO Sterilizer (3M Steri-Vac GS8X)	0.031 lb EO/hr	-
ETOS-4A	EO Sterilizer (3M Steri-Vac GS8X)	0.031 lb EO/hr	-

Other permitted equipment:

Reference No.	Equipment Description	Rated Capacity	Federal Requirements
ETOS-5	EO Sterilizer (3M Steri-Vac 8XL)	0.031 lb EO/hr	-
ETOS-6	EO Sterilizer (3M Steri-Vac 8XL)	0.031 lb EO/hr	-
B-1V	Boiler (Cleaver Brooks)	10.2 mmBtu/hr	NSPS Dc
B-2V	Boiler (Cleaver Brooks)	10.2 mmBtu/hr	NSPS Dc
BG-1	Emergency Generator (Caterpillar 3512)	11.2 mmBtu/hr	-
BG-2	Emergency Generator (Caterpillar 3512)	11.2 mmBtu/hr	-
BG-3	Emergency Generator (Caterpillar SR4B-GD)	11.2 mmBtu/hr	-

Equipment to be removed:

Reference No.	Equipment Description	Rated Capacity	Delegated Federal Requirements
ETOS-1	EO Sterilizer (3M Steri-Vac 8XL)	0.031 lb EO/hr	-
ETOS-2	EO Sterilizer (3M Steri-Vac 8XL)	0.031 lb EO/hr	-
ETOS-3	EO Sterilizer (3M Steri-Vac 8XL)	0.031 lb EO/hr	-
ETOS-4	EO Sterilizer (3M Steri-Vac 8XL)	0.031 lb EO/hr	-

Specifications included in the above tables are for informational purposes only and do not form enforceable terms or conditions of the permit.

PROCESS REQUIREMENTS

1. Emission Controls - Ethylene oxide emissions from the EO sterilizers ETOS-1A - ETOS-4A and ETOS-1 - ETOS-6 shall be controlled by EO abators AB-A, AB-B, and AB-C. The EO abators shall be provided with adequate access for inspection and shall be in operation when the associated sterilizers are operating.
   (9VAC5-80-1180 and 9VAC5-50-260) [August 23, 2021]

2. Control Efficiency - The EO abators AB-A, AB-B, and AB-C shall maintain a control efficiency of no less than 99 percent to be demonstrated by stack test as required by Condition 21.
   (9VAC5-80-1180 and 9VAC5-50-260) [August 23, 2021]

3. Monitoring Devices - The EO abators AB-A, AB-B, and AB-C shall each be equipped with devices to continuously measure and record the temperature of the catalyst bed concurrently with the EO sterilizer operating cycle parameters sufficient to demonstrate compliance with the minimum operating temperatures established during initial stack test. Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the EO sterilizers and EO abators are operating. (9VAC5-80-1180(D) and 9VAC5-50-260) [August 23, 2021]

4. Monitoring Device Observation - To ensure good performance, the EO abator monitoring devices used to continuously measure the temperature of the catalyst beds shall be observed by the permittee with a frequency of not less than once per day. The permittee shall continuously record measurements from each EO abator monitoring device. Daily observations shall be recorded in a log book including name of observer, date and time of observation and catalyst bed temperature or monitoring-device readout by verification of the Abator Ready Light. Use of this Ready Light is contingent on the successful completion of annual device calibrations, testing and maintenance in accordance with manufacturer's recommendations to ensure proper function.
(9VAC5-80-1180(D)) [August 23, 2021]

5. EO Abator Operations - The permittee shall establish and maintain a preventative maintenance and calibration plan per manufacturer recommendations for the EO abators AB-A, AB-B, and AB-C. The plan shall include, but is not limited to, planned parts replacement, temperature checks, instrument adjustments, inspections and catalyst bed replacement. Following catalyst bed replacement, verification checks shall be conducted by the manufacturer to ensure the required temperature is met prior to releasing to the permittee for operations. Records shall be kept of each maintenance and calibration event including catalyst bed replacement and verification results.
(9VAC5-80-1180(D)) [August 23, 2021]

OPERATING LIMITATIONS

6. Operating Hours - The emergency generators BG-1, BG-2, and BG-3 shall be used only for providing power at the location during interruption of service from the normal power supplier, periodic maintenance testing and operational training. Total use for each emergency generator may not exceed 500 hours per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9VAC5-80-1180) [March 21, 2016]

7. Throughput - The throughput of ethylene oxide for the EO sterilizers ETOS-1A - ETOS-4A and ETOS-1 - ETOS-6, combined, shall not exceed 1,638 lbs per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9VAC5-80-1180) [August 23, 2021]

8. Fuel - The approved fuels for the boilers are distillate oil and natural gas and the approved fuel for the emergency generators is diesel fuel. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-1180) [March 21, 2016]

9. Fuel Throughput - The boilers, combined, shall consume no more than 1,295,000 gallons of distillate oil and 178.7 x 10^6 cubic feet of natural gas, per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9VAC5-80-1180) [March 21, 2016]

10. Fuel - The distillate oil/diesel fuel shall meet the specifications below:

    DISTILLATE OIL which meets the ASTM D396 specification for numbers 1 or 2 fuel oil:
    Maximum sulfur content per shipment: 0.5 %
    (9VAC5-80-1180 and 9VAC5-50-410) [March 21, 2016]

11. Fuel Certification - The permittee shall obtain a certification from the fuel supplier with each shipment of distillate oil/diesel fuel. Each fuel supplier certification shall include the following:

    a. The name of the fuel supplier;

    b. The date on which the distillate oil/diesel fuel was received;

    c. The quantity of distillate oil/diesel fuel delivered in the shipment; and

    d. A statement that the distillate oil/diesel fuel complies with the American Society for Testing and Materials specifications (ASTM D396) for numbers 1 or 2 fuel oil.

    Fuel sampling and analysis, independent of that used for certification, as may be periodically required or conducted by DEQ may be used to determine compliance with the fuel specifications stipulated in Condition 10. Exceedance of these specifications may be considered credible evidence of the exceedance of emission limits.
    (9VAC5-80-1180 and 9VAC5-50-410) [March 21, 2016]

12. Requirements by Reference - Except where this permit is more restrictive than the applicable requirement, the boilers B-1V and B-2V shall be operated in compliance with the requirements of 40 CFR 60, Subpart Dc.
(9VAC5-80-1180, 9VAC5-50-400, and 9VAC5-50-410) [March 21, 2016]

13. Emission Unit Replacement - Each previously permitted EO sterilizers ETOS-1 - ETOS-4 shall be permanently shutdown prior to the start-up date of each replacement EO sterilizers ETOS-1A - ETOS-4A. Reactivation of the replaced EO sterilizer units may require a permit. In no event shall more than six EO sterilizers be operated at one time.
(9VAC5-80-1180) [August 23, 2021]

EMISSION LIMITS

14. Process Emission Limits - Emissions from the operation of the boilers B-1V and B-2V shall not exceed the limits specified below:

Particulate Matter (PM)	0.3 lbs/hr	1.3 tons/yr
PM-10	0.2 lbs/hr	0.7 tons/yr
Sulfur Dioxide	10.5 lbs/hr	46.0 tons/yr
Nitrogen Oxides (as NO2)	3.0 lbs/hr	13.0 tons/yr
Carbon Monoxide	1.7 lbs/hr	3.2 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 8, 9, 10, 11, and 17.
(9VAC5-80-1180 and 9VAC5-50-260) [March 21, 2016]

15. Process Emission Limits - Emissions from the operation of the emergency generators BG-1, BG-2, and BG-3 shall not exceed the limits specified below:

Particulate Matter (PM)	10.4 lbs/hr	2.6 tons/yr
PM-10	10.4 lbs/hr	2.6 tons/yr
Sulfur Dioxide	9.7 lbs/hr	2.4 tons/yr
Nitrogen Oxides (as NO2)	148.2 lbs/hr	37.0 tons/yr
Carbon Monoxide	31.9 lbs/hr	8.0 tons/yr
Volatile Organic Compounds	11.8 lbs/hr	2.9 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 6, 8, 10, 11, and 18.
(9VAC5-80-1180 and 9VAC5-50-260) [March 21, 2016]

16. Facility wide Emission Limits - Total emissions from the facility shall not exceed the limits specified below:

Particulate Matter (PM)	3.9 tons/yr
PM-10	3.3 tons/yr
Sulfur Dioxide	48.4 tons/yr
Nitrogen Oxides (as NO2)	50.0 tons/yr
Carbon Monoxide	11.2 tons/yr
Volatile Organic Compounds	3.0 tons/yr

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 17, 18, 19, and 21.
(9VAC5-80-1180 and 9VAC5-50-260) [August 23, 2021]

17. Visible Emission Limit - Visible emissions from the boilers B-1V and B-2V shall not exceed 10 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 20 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-1180, 9VAC5-50-80, and 9VAC5-50-410) [March 21, 2016]

18. Visible Emission Limit - Visible emissions from the emergency generators BG-1, BG-2, and BG-3 shall not exceed 20 percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed 30 percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9VAC5-80-1180, 9VAC5-50-80, and 9VAC5-50-260) [March 21, 2016]

RECORDS

19. On Site Records - The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Tidewater Regional Office. These records shall include, but are not limited to:

    a. Annual hours of operation of each emergency generator BG-1, BG-2, and BG-3, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months. [March 21, 2016]

    b. Annual consumption of fuel for the boilers B-1V and B-2V, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months. Natural gas and distillate oil records for the NSPS boilers to be kept on a daily basis. [March 21, 2016]

    c. Annual throughput of ethylene oxide, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months. [August 23, 2021]

    d. Control efficiency of the EO abators demonstrated by the stack tests required by Condition 21. [August 23, 2021]

    e. All fuel supplier certifications. [March 21, 2016]

    f. Operation and control device monitoring records for the EO abators as required in Conditions 3 and 4. [August 23, 2021]

    g. Catalytic bed temperature observation logbook including name of observer, date and time of observation and catalyst bed temperature or monitoring device readout by verification of the Abator Ready Light, as required in Condition 4. [August 23, 2021]

    h. Records of annual Abator Ready Light device calibrations, testing and maintenance, if applicable, as required in Condition 4. [August 23, 2021]

    i. Records of maintenance and calibration events including catalyst bed replacement and verification results as required in Condition 5. [August 23, 2021]

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9VAC5-80-1180 and 9VAC5-50-50)

20. Semi-Annual Reports - The permittee shall submit fuel quality reports to the Tidewater Regional Office within 30 days after the end of each semi-annual period. If no shipments of distillate oil were received during the semi-annual period, the semi-annual report shall consist of the dates included in the semi-annual period and a statement that no oil was received during the semi-annual period. If distillate oil was received during the semi-annual period, the reports shall include:

    a. Dates included in the semi-annual period,

    b. A copy of all fuel supplier certifications for all shipments of distillate oil received during the semi-annual period or a semi-annual summary from each fuel supplier that includes the information specified in Condition 11 for each shipment of distillate oil, and,

    c. A signed statement from the owner or operator of the facility that the fuel supplier certifications or summaries of fuel supplier certifications represent all of the distillate oil burned or received at the facility.

    One copy of the semi-annual report shall be submitted to the U.S. Environmental Protection Agency at the address specified below:

    Associate Director
    Office of Air Enforcement and Compliance Assistance (3AP20)
    U.S. Environmental Protection Agency
    Region III
    1650 Arch Street
    Philadelphia, PA 19103-2029

    (9VAC5-80-1180 and 9VAC5-50-50) [March 21, 2016]

CONTINUING COMPLIANCE DETERMINATION

21. Stack Test - Once every three (3) years, or upon request by the DEQ, the permittee shall conduct a performance test for ethylene oxide emissions from one of EO abators AB-A, AB-B, and AB-C to demonstrate compliance with the control efficiency in Condition 2. Each of the three (3) EO abators shall be tested once in a nine (9) year period. Tests shall be conducted and reported and data reduced as set forth in 9VAC5-50-30 and 9VAC5-60-30 and the test methods and procedures contained in each applicable section or subpart listed in 9VAC5-50-410 and 9VAC5-60-70. The details of the tests are to be arranged with the Director, Tidewater Regional Office. One copy of the results shall be submitted to the Director, Tidewater Regional Office within 45 days after the test completion and shall conform to the test report format enclosed with this permit.
    (9VAC5-50-30(G)) [August 23, 2021]

22. Emissions Testing - The permitted facility shall be constructed so as to allow for emissions testing upon reasonable notice at any time, using appropriate methods. This includes constructing the facility/equipment such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and providing a stack or duct that is free from cyclonic flow. Sampling ports shall be provided when requested at the EO abator stack in accordance with the applicable performance specification (reference 40 CFR Part 60, Appendix B) and safe sampling platforms and access shall be provided. (9VAC5-50-30(F) and 9VAC5-80-1180) [August 23, 2021]

NOTIFICATIONS

23. Initial Notifications - The permittee shall furnish written notification to the Tidewater Regional Office of:

    a. The actual date on which construction of each of the EO sterilizers ETOS-1A - ETOS-4A commenced within 30 days after such date.

    b. The actual start-up date of each of the EO sterilizers ETOS-1A - ETOS-4A within 15 days after such date.

    c. The actual shutdown date of each of the EO sterilizers ETOS-1 - ETOS-4 within 15 days after such date.

    (9VAC5-50-50 and 9VAC5-80-1180) [August 23, 2021]

GENERAL CONDITIONS

24. Permit Invalidation - This permit to construct the project shall become invalid, unless an extension is granted by the DEQ, if:

    a. A program of continuous construction is not commenced within 18 months from the date of this permit.

    b. A program of construction is discontinued for a period of 18 months or more, or is not completed within a reasonable time, except for a DEQ approved period between phases of the phased construction of a new stationary source or project.

    (9VAC5-80-1210)

25. Permit Suspension/Revocation - This permit may be suspended or revoked if the permittee:

    a. Knowingly makes material misstatements in the permit application or any amendments to it;

    b. Fails to comply with the conditions of this permit;

c. Fails to comply with any emission standards applicable to a permitted emissions unit;

d. Causes emissions from the stationary source which result in violations of, or interfere with the attainment and maintenance of, any ambient air quality standard; or

e. Fails to operate in conformance with any applicable control strategy, including any emission standards or emissions limitations, in the State Implementation Plan in effect at the time an application for this permit is submitted.

(9VAC5-80-1210(G))

26. Right of Entry - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;

b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;

c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and

d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.
(9VAC5-170-130 and 9VAC5-80-1180)

27. Maintenance/Operating Procedures - At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
(9VAC5-50-20(E) and 9VAC5-80-1180(D))

28. Record of Malfunctions - The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record.
(9VAC5-20-180(J) and 9VAC5-80-1180(D))

29. Notification for Facility or Control Equipment Malfunction - The permittee shall furnish notification to the Tidewater Regional Office of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour. Such notification shall be made no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within 14 days of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Tidewater Regional Office.
(9VAC5-20-180(C) and 9VAC5-80-1180)

30. Violation of Ambient Air Quality Standard - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9VAC5-20-180(I) and 9VAC5-80-1180)

31. Change of Ownership - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current minor NSR permit issued to the previous owner. The new owner shall notify the Tidewater Regional Office of the change of ownership within 30 days of the transfer.
(9VAC5-80-1240)

32. Permit Copy - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9VAC5-80-1180)

SOURCE TESTING REPORT FORMAT

Report Cover

1. Plant name and location
2. Units tested at source (indicate Ref. No. used by source in permit or registration)
3. Test Dates
4. Tester; name, address and report date

Certification

1. Signed by team leader/certified observer (include certification date)
2. Signed by responsible company official
3. *Signed by reviewer

Copy of approved test protocol

Summary

1. Reason for testing
2. Test dates
3. Identification of unit tested & the maximum rated capacity
4. *For each emission unit, a table showing:
    a. Operating rate
    b. Test Methods
    c. Pollutants tested
    d. Test results for each run and the run average
    e. Pollutant standard or limit
5. Summarized process and control equipment data for each run and the average, as required by the test protocol
6. A statement that test was conducted in accordance with the test protocol or identification & discussion of deviations, including the likely impact on results
7. Any other important information

Source Operation

1. Description of process and control devices
2. Process and control equipment flow diagram
3. Sampling port location and dimensioned cross section Attached protocol includes: sketch of stack (elevation view) showing sampling port locations, upstream and downstream flow disturbances and their distances from ports; and a sketch of stack (plan view) showing sampling ports, ducts entering the stack and stack diameter or dimensions

Test Results

1. Detailed test results for each run
2. *Sample calculations
3. *Description of collected samples, to include audits when applicable

Appendix

1. *Raw production data
2. *Raw field data
3. *Laboratory reports
4. *Chain of custody records for lab samples
5. *Calibration procedures and results
6. Project participants and titles
7. Observers' names (industry and agency)
8. Related correspondence
9. Standard procedures

* Not applicable to visible emission evaluations